We Claim:

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1. A method for treating a disorder remedied by antagonism of mGlu5 receptors in a patient which comprises administering to a patient in need thereof an effective amount of a compound of formula 1:

$$ArR^2$$
 R^1
 (1)

wherein

Ar is phenyl or napthyl each of which may be substituted by one or more C₁-C₄ alkyl, C₁-C₄ alkoxy, C₁-C₅ acyl, halo, amino, nitro, cyano, hydroxy, C₁-C₅ acylamino, C₁-C₄ alkylsulfonylamino, mono-, di- or trifluorinated C₁-C₃ alkyl, substituents which may be the same or different and may bear a CONH₂, CONHCH₃, CON(CH₃)₂, CO₂H, CO₂CH₃, OCF₃, CH₂NHCOCH₃, CH₂NH₂, CH₂N(CH₃)₂, CH₂CN, CH₂OH,

15 CH₂NHSO₂CH₃, CH₂N(CH₃)(CH₂)₂ CN, CH₂N(CH₃)CH(CH₃)₂, CH₂NHCH(CH₃)₂, CH₂NHC(CH₃)₂, CH₂NHC(CH₃)₂, or N(S(O)₂CH₃)₂ substituent;

 $R^{1} \text{ is hydrogen, halo, R}^{4}, CN, C(NOH)R^{3}, C(NO-R^{4})R^{3}, (CH)_{2}CO_{2}R^{4}, (CH_{2})_{n}$ $OR^{3}, COR^{3}, CF_{3}, SR^{4}, S(O)R^{4}, S(O)_{2}R^{4}, COCH_{2}CO_{2}R^{3}, NHSO_{2}R^{4}, NHCOR^{3},$

20 C(NOR³)NH₂, CH₂OCOR³, (CH₂)_n NH₂, CON(CH₃)₂, (CH₂)_nNHCO₂R⁴, CO₂R³, CONH₂, CSNH₂, C(NH)NHOR³, (CH₂)_nN(CH₃)₂, or CONHNHCOR³;

R² is 1,2-ethenediyl or 1,2-ethynediyl;

R³ is hydrogen or C₁-C₄ alkyl;

 R^4 is C_1 - C_4 alkyl; and

25 n is 0, 1, 2, 3 or 4;

or a pharmaceutically acceptable salt thereof; or an N-oxide thereof.

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2. A method as claimed in Claim 1 wherein

Ar is C_1 - C_4 alkyl, C_1 - C_4 alkoxy, C_1 - C_5 acyl, halo, amino, nitro, cyano, hydroxy, C_1 - C_5 acylamino, C_1 - C_4 alkylsulfonylamino or mono-, di- or trifluorinated C_1 - C_3 alkyl; and

R¹ is hydrogen, halo, R⁴, CN, C(NOH)R³, C(NOR⁴)R³, (CH)₂CO₂-R⁴, OR³, COR³ or CF₃

- 3. The method of any one of Claims 1 or 2 wherein the disorder is pain or 10 anxiety.
 - 4. The method of any one of Claims 1-3 wherein the patient is a human.
 - 5. A compound of formula 1:

 ArR^2 R^1 (1)

wherein

Ar is phenyl or napthyl each of which may be substituted by one or more C₁-C₄ alkyl, C₁-C₄ alkoxy, C₁-C₅ acyl, halo, amino, nitro, cyano, hydroxy, C₁-C₅ acylamino, C₁-C₄ alkylsulfonylamino, mono-, di- or trifluorinated C₁-C₃ alkyl, substituents which may be the same or different and may bear a CONH₂, CONHCH₃, CON(CH₃)₂, CO₂H, CO₂CH₃, OCF₃, CH₂NHCOCH₃, CH₂NH₂, CH₂N(CH₃)₂, CH₂CN, CH₂OH, CH₂NHSO₂CH₃, CH₂NHCOCH₃)(CH₂)₂ CN, CH₂N(CH₃)CH(CH₃)₂, CH₂NHCH(CH₃)₂, CH₂NHCH(CH₃)₂, or N(S(O)₂CH₃)₂ substituent;

 R^{1} is hydrogen, halo, R^{4} , CN, C(NOH) R^{3} , C(NO- R^{4}) R^{3} , (CH)₂CO₂ R^{4} , (CH₂)_n OR³, COR³, CF₃, SR⁴, S(O) R^{4} , S(O)₂ R^{4} , COCH₂CO₂ R^{3} , NHSO₂ R^{4} , NHCOR³,

WO 2005/094822

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 $C(NOR^3)NH_2$, CH_2OCOR^3 , $(CH_2)_n NH_2$, $CON(CH_3)_2$, $(CH_2)_n NHCO_2R^4$, CO_2R^3 , $CONH_2$, $CSNH_2$, $C(NH)NHOR^3$, $(CH_2)_n N(CH_3)_2$, or $CONHNHCOR^3$;

R² is 1,2-ethenediyl or 1,2-ethynediyl;

R³ is hydrogen or C₁-C₄ alkyl;

 R^4 is C_1 - C_4 alkyl; and

n is 0, 1, 2, 3 or 4;

or a pharmaceutically acceptable salt thereof; or an N-oxide thereof; provided that the compound is other than 5-phenylethynyl-nictinonitrile.

- 10 6. The compound of Claim 5 wherein n is 0 or 1.
- 7. The compound of any one of Claims 5 or 6 wherein Ar is phenyl substituted by one or more halo, C₁-C₄ alkyl, CN, C₁-C₄ alkoxy, CF₃, NO₂, NH₂, OH, COCH₃, substituents which may be the same or different and may bear a CONH₂, CONHCH₃, CON(CH₃)₂, CO₂H, CO₂CH₃, OCF₃, CH₂NHCOCH₃, CH₂NH₂, CH₂N(CH₃)₂, CH₂CN, CH₂OH, CH₂NHSO₂CH₃, CH₂N(CH₃)(CH₂)₂ CN, CH₂N(CH₃)CH(CH₃)₂, CH₂NHCH(CH₃)₂, CH₂NHCH(CH₃)₂, CH₂NHCH₂CH₃, CH₂NHCO₂C(CH₃)₃, CH₂NHCH₂CH₃, CH₂NHCH₃ or NHCOC(CH₃)₂ substituent.
- 8. The compound of any one of Claims 5-7 wherein halo is fluoro, iodo, choro or bromo; alkyl is methyl, ethyl, propyl, isopropyl or isobutyl; and alkoxy is methoxy.
- 9. The compound of any one of Claims 5-8 wherein Ar is
 2-chlorophenyl, 3-chlorophenyl, 2-fluorophenyl, 3-fluorophenyl, 4-fluorophenyl,
 3,4-dimethylphenyl, 3,5-dimethylphenyl, 2,4-dimethylphenyl, 2,5-dimethylphenyl,
 2-cyanophenyl, 3-cyanophenyl, 4-cyanophenyl, 2-methoxyphenyl, 3-methoxyphenyl,
 4-methoxyphenyl, 4-chlorophenyl, 2-methylphenyl, 3-methylphenyl, 4-methylphenyl,
 3,4-difluorophenyl, 3,5-difluorophenyl, 3,4,5-trifluorophenyl,
- 30 3-bromophenyl, 3-nitrophenyl, 3-trifluoromethylphenyl, 3-aminophenyl,

WO 2005/094822 PCT/US2005/007507

-142-

- 3-chloro-4-fluorophenyl, 3-hydroxyphenyl, 3-acetylphenyl, 5-chloro-2-methoxyphenyl,
- 3-chloro-4-methoxyphenyl, 3-hydroxy-4-fluorophenyl, 3-methoxy-4-fluorophenyl,
- 3-ethoxy-4-fluorophenyl, 3-isopropoxy-4-fluorophenyl, 3-isopropylphenyl,
- 3-ethylphenyl, 3-methyl-4-fluorophenyl, 3-trifluoromethyl-4-fluorophenyl,
- 5 3-cyano-4-fluorophenyl, 3-amino-4-fluorophenyl,
 - 3-trifluoromethyl-4-fluorophenyl, 3-chloro-4-fluorophenyl,
 - 3-nitro-4-fluorophenyl, 3-aminocarbonyl-4-fluorophenyl,
 - 3-N-methylaminocarbonyl-4-fluorophenyl,
 - 3-N,N-dimethylaminocarbonyl-4-fluorophenyl, 3-carboxyl-4-fluorophenyl,
- 3-methoxycarbonyl-4-fluorophenyl, 3-acetylaminomethyl-4-fluorophenyl,
 - 3-methysulfonylaminomethyl-4-fluorophenyl,
 - 3-pivaloylaminomethyl-4-fluorophenyl, 3-trifluoromethoxyphenyl,
 - 3-aminomethyl-4-fluorophenyl, 3-dimethylaminomethyl-4-fluorophenyl,
 - 3-cyanomethyl-4-fluorophenyl, 4-fluoro-3-hydroxymethylphenyl,
- 3-{[(2-cyanoethyl)-methylamino]-methyl}-4-fluorophenyl,
 - 4-fluoro-3-[(isopropylmethylamino)-methyl]phenyl.
 - 4-fluoro-3-isopropylaminomethylphenyl, 4-fluoro-3-propylaminomethylphenyl,
 - 3-ethylaminomethyl-4-fluorophenyl, 4-fluoro-3-methyl aminomethylphenyl,
 - 3-isobutyrylamino-4-fluorophenyl or 3-aminophenyl.

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- 10. The compound of any one of Claims 5-9 wherein R¹ is hydrogen, bromo, iodo, fluoro, chloro, C(NOH)R³, C(NO-R⁴)R³, methyl, CN, CH₂CO₂R⁴, (CH₂)_nOR³, COR³, CF₃, SR⁴, S(O)R⁴, S(O)₂R⁴, COCH₂CO₂R³, NHS(O)₂R³, NHCOR³, CH₂OC(O)R³, (CH²)_nNH₂, CON(CH₃)₂, (CH₂)_nNHCO₂R⁴, CO₂R³, CONH₂, CSNH₂, C(NH)NHOR³, (CH₂)_nN(CH₃)₂ or CONHNHCOR³.
- 11. The compound of any one of Claims 5-10 wherein \mathbb{R}^3 is hydrogen, methyl, ethyl or *t*-butyl.

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WO 2005/094822 PCT/US2005/007507

12. The compound of Claim 5 wherein

Ar is phenyl of napthyl each of which may be substituted by C₁-C₄ alkyl,

C₁-C₄ alkoxy, C₁-C₅ acyl, halo, amino, nitro, cyano, hydroxy, C₁-C₅

acylamino, C₁-C₄ alkylsulfonylamino or mono-, di- or trifluorinated C₁-C₃

alkyl; and

R¹ is hydrogen, halo, R⁴, CN, C(NOH)R³, C(NOR⁴)R³

(CH)₂CO₂R⁴, OR³, COR³ or CF₃

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- 13. The compound of formula I as claimed in any one of Claims 5-12 wherein R¹ is CN, iodo, chloro, methyl or COR³.
 - 14. The compound of formula I as claimed in any one of Claims 5-13 wherein R¹ is CN.
- 15. The compound of formula I as claimed in any one of Claims 5-14 wherein R² is 1,2-ethynediyl.
 - 16. The compound of formula 1 as claimed in any one of Claims 5-15 wherein C_1 - C_4 alkyl is methyl.
 - 17. The compound of formula 1 as claimed in any one of Claims 5-16 wherein \mathbb{R}^3 is methyl.
- 18. A compound of formula 1 as claimed in any one of a Claims 5-16 wherein 25 R³ is hydrogen.
 - 19. The compound of any one of Claims 5-18 wherein substituted Ar is substituted phenyl.
- 30 20. The compound of any one of Claims 5-6, 8 or 10-18 wherein Ar is phenyl.

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- 21. A compound of claim 5 which is: 5-(4-Fluorophenylethynyl)-nicotinonitrile, 5-(3-Cyanophenylethynyl)-nicotinonitrile or 5-(3,4-difluorophenylethynyl)-nicotinonitrile.
- 5 22. A process for preparing a compound of formula 1 (or a pharmaceutically acceptable salt thereof) as provided in any one of the above Claims 5-21 which comprises:
 - (a) for a compound of formula 1 in which R² is 1,2-ethenediyl, reacting with a compound of formula II

with a compound of formula Ar-CHCH2 in a Heck coupling;

(b) for a compound of formula 1 in which R² is alkynyl, reacting with a compound of formula III

in a Sonogashira coupling with a compound of formula Ar-I or Ar-Br in a suitable solvent;

whereafter, for any of the above procedures, when a pharmaceutically acceptable salt of a compound of formula 1 is required, it is obtained by reacting the basic form of such a compound of formula 1 with an acid affording a physiologically acceptable

counterion, or, for a compound of formula 1 which bears an acidic moiety, reacting the acidic form of such a compound of formula 1 with a base which affords a pharmaceutically acceptable cation, or by any other conventional procedure; and wherein, unless more specifically described, the value of \mathbb{R}^1 , Ar and \mathbb{R}^2 are as defined in Claim 5.

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23. A pharmaceutical composition comprising in association with a pharmaceutically acceptable carrier, dilutent or excipient, a compound of formula 1 (or a pharmaceutically acceptable salt thereof) as provided in any one of the above Claims 5-21.

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- 24. A compound of formula 1 as claimed in Claim 1 for use in therapy.
- 25. Use of compound of formula 1 as claimed in Claim 1 for the manufacture of a medicament for treating a disorder remedied by antagonism of mGlu5 receptors in a patient.